

<b>UTILITY PATENT APPLICATION TRANSMITTAL</b>  <i>(Only for new nonprovisional applications under 37 CFR 1.53(b))</i>	Attorney Docket No.		02716.0005.NPUS01
	First Inventor		Rasmus B. Jensen
	Title	PROTEORHODOPSIN MUTANTS WITH IMPROVED OPTICAL CHARACTERISTICS	
	Express Mail	EL615430555US	

<b>APPLICATION ELEMENTS</b>  See MPEP Chapter 600 concerning utility patent application contents.	<b>ADDRESS TO:</b> Commissioner for Patents Box Patent Application P.O. Box 1450, Alexandria, VA 22213-1450
1. <input checked="" type="checkbox"/> Fee Transmittal Form (PTO/SB/17) (Submit an original, and a duplicate for fee processing) 2. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. 3. <input checked="" type="checkbox"/> Specification [Total Pages 51 ] (preferred arrangement set forth below) -Descriptive title of the invention -Cross reference to Related Applications -Statement Regarding Fed Sponsored R & D -Reference to sequence listing, a table, or a computer program listing appendix -Background of the Invention -Brief Summary of the Invention -Detailed Description -Claim(s) -Abstract of the Disclosure 4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets 106 ] 5. <input checked="" type="checkbox"/> Oath or Declaration [Total Pages 3 ] a. <input checked="" type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63 (d)) (for continuational divisional with Box 17 completed) i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b> Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). 6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76	7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) 8. <input checked="" type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. <input checked="" type="checkbox"/> Computer Readable Form (CRF) b. Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input checked="" type="checkbox"/> paper c. <input checked="" type="checkbox"/> Statements verifying identity of above copies
<b>ACCOMPANYING APPLICATION PARTS</b> 9. <input type="checkbox"/> Assignment papers (cover sheet & document(s)) 10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of (when there is an assignee) Attorney 11. <input type="checkbox"/> English Translation Document (if applicable) 12. <input type="checkbox"/> Information disclosure <input type="checkbox"/> Copies of IDS Statement (IDS)/PTO-1449 Citations 13. <input type="checkbox"/> Preliminary Amendment 14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized) 15. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed) 16. <input type="checkbox"/> Other:	

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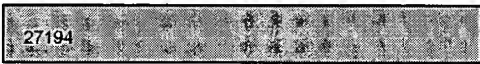
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17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: /

Prior application information: Examiner Group I Art Unit:

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

<b>18. CORRESPONDENCE ADDRESS</b> <input checked="" type="checkbox"/> Customer Number or Bar Code Label  27194 or <input type="checkbox"/> Correspondence address below					
Name	Howrey Simon Arnold & White, LLP				
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	Box 34				
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NAME (Print/Type)	Viola T. Kung, Reg. No. 41,131		
Signature		Date	Nov. 26, 2003



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# FEE TRANSMITTAL For FY 2004

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$1372.00)

## Complete If Known

Application Number	Not Yet Assigned
Filing Date	November 26, 2003
First Named Inventor	Rasmus B. Jensen
Examiner Name	Not Yet Assigned
Group Art Unit	Not Yet Assigned
Attorney Docket No.	02716.0005.NPUS01

METHOD OF PAYMENT		FEE CALCULATION (continued)			
<b>1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:</b>		<b>3. ADDITIONAL FEES</b>			
Deposit Acct. No. <b>08-3038</b>					
Deposit Account Name <b>Howrey Simon Arnold &amp; White, LLP</b>					
<input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17					
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27					
<b>2. <input type="checkbox"/> Payment Enclosed:</b>					
<input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input type="checkbox"/> Other					
<b>FEE CALCULATION</b>					
<b>1. BASIC FILING FEE</b>					
Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
101	770	201	385	Utility filing fee	770.00
106	340	206	170	Design filing fee	
107	530	207	265	Plant filing fee	
108	770	208	385	Reissue filing fee	
114	160	214	80	Provisional filing fee	
<b>SUBTOTAL (1)</b>					<b>(\$)</b>
<b>2. EXTRA CLAIM FEES</b>					
Total Claims	23	-20** =	3	X	18.00 = 54
Independent Claims	6	- 3** =	3	X	86.00 = 258
Multiple Dependent					290.00 = 290
Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	
103	18	203	9	Claims in excess of 20	
102	86	202	43	Independent claims in excess of 3	
104	290	204	145	Multiple dependent claim, if not paid	
109	86	209	43	** Reissue independent claims over original patent	
110	18	210	9	** Reissue claims in excess of 20 and over original patent	
<b>SUBTOTAL (2)</b>					<b>(\$602.00)</b>
**or number previously paid, if greater; For Reissues, see above					

SUBMITTED BY		Complete (if applicable)	
Name (Print/Type)	Viola T. Kung	Registration No. (Attorney/Agent)	41,131
Signature		Telephone	650-463-8181
		Date	Nov. 26, 2003

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